Index of Claims

| Appli | cation | /Contro | l No. |
|-------|--------|---------|-------|
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10/708,297 Examiner

Richard H. Kim

Applicant(s)/Patent under Reexamination

CHEN, PO-LUN

Art Unit

2871

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
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| o | Objected |

| Cla      | aim      |          |          |   |                      | Date      | Э        |                        |  |          | Cla                    | im       |          |                    |              | Date         | )                  |                         |         | ]        | CI             | aim        |          |          |          | Ç        | Date  | ,        |            |   |           |
|----------|----------|----------|----------|---|----------------------|-----------|----------|------------------------|--|----------|------------------------|----------|----------|--------------------|--------------|--------------|--------------------|-------------------------|---------|----------|----------------|------------|----------|----------|----------|----------|---|----------|------------|---|-----------|
|          |          |          |          |   |                      |           |          |                        | ĺ  |          |                        | _        |          |                    |              |              |                    |                         |         |          |                | 100        |          |          |          |          |   |          |            | - 1   |           |
| Final    | Original | 2/16/06  |          |   |                      |           |          |                        |  |          | Final                  | Original |          | $\cdot$            |              | li           |                    |                         |         |          | Final          | Original   |          | ı        | ľ        |          |   |          |            |   | ı         |
| ΙĒ       | Ę        | 2        |          |   |                      |           |          |                        |  |          | ΙĒ                     | 뚥        |          |                    |              |              |                    |                         |         |          | 证              | Öriç       |          |          |          |          |   |          |            |   |           |
|          | )        |          | Ш        |   | Ш                    | $\Box$    |          |                        | $\dashv$   |          |                        |          |          | $\perp$            | ┸            | Ш            | $\perp$            | $\perp$                 |         |          |                |            |          | _        |          |          |   |          | _          | $\perp$   |           |
|          | 1_       | 1        |          |   |                      |           |          |                        | $\perp$  |          |                        | 51       |          |                    | _            |              |                    |                         |         | <b>.</b> | •              | 101        |          |          |          |          |   | _        |            |   |           |
| <u> </u> | 2        | 1        | Ш        |   |                      |           |          |                        |  |          |                        | 52       |          |                    | ┸            |              |                    |                         | $\perp$ |          |                | 102        |          | $\Box$   |          |          |   | _        | $\perp$    | $\dashv$  |           |
|          | 3        | N        | Ш        |   | Ш                    |           |          |                        | _  |          |                        | 53       |          |                    | _            |              | _                  |                         |         |          |                | 103        |          |          |          | _        | $\Box$  | _        | 4          | 4   | _         |
|          | 4        | _        |          |   | Ш                    |           |          |                        | _  |          |                        | 54       |          |                    | _            | $\sqcup$     | _                  | _                       |         |          |                | 104        |          | $\Box$   |          |          | _   | _        | _          | $\dashv$  |           |
|          | 5        | <u> </u> |          |   |                      |           |          | $\sqcup$               | _  |          |                        | 55       |          | $\perp$            | ↓_           | $\sqcup$     | 4                  |                         | -       |          |                | 105        | Ш        | $\Box$   |          |          | _   |          | _          | 4   | _         |
|          | 6        | <u> </u> | Ш        |   |                      |           |          | $\sqcup$               | _  |          |                        | 56       |          |                    | 4_           | Ш            | _                  | _                       | -       |          |                | 106        |          | $\dashv$ |          | _        | _   |          | _          | 4   | _         |
| <u></u>  | 7        | _        | Ш        |   |                      |           |          | Ш                      | _  |          |                        | 57       |          | 4                  | _            | Ш            |                    | _                       | _       | 4        |                | 107        |          | $\Box$   |          | $\dashv$ | $\dashv$  |          | -          | $\dashv$  | ᅵ         |
|          | 8        | <u> </u> |          |   |                      |           |          | $\sqcup$               | -  |          |                        | 58       | _        | +                  | _            | $\sqcup$     |                    |                         | +       | 4        |                | 108        |          | $\sqcup$ |          |          | $\dashv$  |          | $\dashv$   | 4   | _         |
|          | 9        | ⊢        | Н        |   | Н                    | _         |          | $\vdash$               |  |          |                        | 59       | -        |                    | +            | $\vdash$     | -                  |                         | +       | 4        |                | 109        |          | $\dashv$ | _        |          | $\dashv$  |          | -          | +   | $\dashv$  |
| <u> </u> | 10       | ⊢        | Н        |   | $\vdash \vdash$      | $\square$ | Ш        | $\vdash \vdash$        | $\dashv$   | ႕        | <u> </u>               | 60       | -        | +                  | +            | $\vdash$     | +                  | +                       | +       | 4        |                | 110        |          | $\dashv$ | -        | $\dashv$ | $\dashv$  | -        | $\dashv$   | $\dashv$  | $\dashv$  |
| <u> </u> | 11       | $\vdash$ | $\vdash$ |   | $\vdash$             |           | $\vdash$ | $\vdash$               | $\dashv$   | $\dashv$ | $\vdash$               | 61       | $\dashv$ | +                  | +-           | $\vdash$     | +                  | +                       | +       | 4        |                | 111        | $\vdash$ |          | $\dashv$ |          | $\dashv$  |          | -          | +   | $\dashv$  |
|          | 12       | ├-       | Н        |   | ${oldsymbol{arphi}}$ | $\vdash$  | $\vdash$ | $\dashv$               | 4  | $\dashv$ |                        | 62       | -        | +                  | +-           | $\vdash$     | +                  | +                       | +-      | 1        | <u> </u>       | 112        | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$  | -        | -          | +   | $\dashv$  |
|          | 13       | $\vdash$ |          |   | -                    |           |          | $\vdash$               | -  | _        | $\vdash \vdash \vdash$ | 63       | $\dashv$ | +                  | -            | ₩            | -1-                |                         | +       | 1        |                | 113        |          |          | $\dashv$ | _        |   | $\dashv$ |            | $\dashv$  | $\dashv$  |
| <b>—</b> | 14       | ┡        | Н        |   |                      |           | -        | $\dashv$               | -  | _        | $\vdash$               | 64       | -        | +                  | +            |              | +                  | +                       | +       | -        | <u> </u>       | 114        | -        | $\dashv$ | $\dashv$ | _        | $\dashv$  | $\dashv$ | $\dashv$   | $\dashv$  | $\dashv$  |
| $\vdash$ | 15       | -        | Н        |   | $\vdash$             |           | $\dashv$ |                        | -  | _        | $\vdash$               | 65<br>66 | $\dashv$ | +                  | +            | $\vdash$     | +                  | +                       | +       | -        | <u> </u>       | 115<br>116 |          | $\dashv$ | $\dashv$ | -        | $\dashv$  | $\dashv$ | $\dashv$   | +   | $\dashv$  |
|          | 16<br>17 | -        | $\vdash$ | _ | $\vdash$             | -         |          | $\left  \cdot \right $ | -+   |          | <b> </b>               | 67       | $\dashv$ | +                  | +            | $\vdash$     |                    | +                       | +       | 1        | $\vdash$       | 117        | $\dashv$ | $\dashv$ | -        |          |   | $\dashv$ | $\dashv$   | +   | $\dashv$  |
|          | 18       | $\vdash$ | Н        | _ | $\vdash \vdash$      | -         |          | -                      | -+   | $\dashv$ |                        | 68       | +        | +-                 | +-           | $\vdash$     | +                  | +-                      | +       | 1        | $\vdash\vdash$ | 118        | $\dashv$ |          |          |          | $\dashv$  | -        | $\dashv$   | $\dashv$  | $\dashv$  |
| $\vdash$ | 19       | $\vdash$ | Н        |   | $\vdash \vdash$      |           | $\vdash$ | $\vdash$               | $\dashv$   | $\dashv$ | $\vdash\vdash\vdash$   | 69       | +        | +                  | +            | $\vdash$     | +                  | +                       | +       | 1        |                | 119        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$  | $\dashv$ | $\dashv$   | +   | $\dashv$  |
|          | 20       | -        | H        |   | $\vdash \vdash$      | -         | $\vdash$ | $\vdash$               | $\dashv$   | $\dashv$ | $\vdash\vdash$         | 70       | $\dashv$ | +                  | +            | $\vdash$     | +                  | +                       | +       | 1        | $\vdash$       | 120        | $\vdash$ | $\dashv$ |          |          | $\dashv$  | -        |            | $\dashv$  | $\dashv$  |
|          | 21       | ┢        | Н        |   | $\vdash$             |           |          | -                      | -+   | ╌┤       |                        | 71       | -+       |                    | ╁            | <del>├</del> | +                  | +                       | ╅       | 1        |                | 121        | -        | $\dashv$ | $\dashv$ | $\dashv$ | -   | -        | ┯╂         | +   | ᅱ         |
|          | 22       | $\vdash$ | Н        | _ | $\vdash$             | $\dashv$  | $\dashv$ | $\vdash$               | $\dashv$   | $\dashv$ | $\vdash$               | 72       | $\dashv$ | +                  | +            | $\vdash$     | ┿                  | +                       | +       | 1        |                | 122        | $\dashv$ | $\dashv$ |          | -        |   | -        | -          | +   | ┥         |
|          | 23       | $\vdash$ | H        | _ | Н                    | -         |          | $\vdash$               | $\dashv$   | $\dashv$ | -                      | 73       | $\dashv$ | +                  | +            | 1            | $\dashv$           | +                       | +       | 1        |                | 123        |          | $\dashv$ | $\dashv$ | $\dashv$ | -   | -        |            | +   | ┪         |
|          | 24       | -        | Н        |   | $\vdash$             | -         |          | $\dashv$               | -+   | $\dashv$ |                        | 74       | $\dashv$ | +                  | ١.           |              | $\dashv$           | +                       | +       | 1        |                | 124        | $\dashv$ | $\dashv$ | $\dashv$ |          | -   | -        |            | $\dashv$  | $\dashv$  |
| $\vdash$ | 25       | $\vdash$ | Н        |   | H                    | -         |          | $\dashv$               | $\dashv$   | $\dashv$ | -                      | 75       | $\dashv$ | +                  | +            |              | -                  | ╅                       | +-      | 1        |                | 125        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$   | +   | ┥         |
|          | 26       | $\vdash$ | Н        | _ | $\vdash$             | $\dashv$  |          |                        |  |          |                        | 76       | -        |                    | +            |              | $\dashv$           | +                       | +       | 1        |                | 126        | -        | $\dashv$ | -        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$   | 十   | ┥         |
|          | 27       |          | Н        |   |                      |           |          |                        | $\dashv$   | _        |                        | 77       | _        | $\dashv$           | +-           | 1-1          | +                  | +                       | +-      | 1        |                | 127        | $\dashv$ | $\dashv$ |          | _        | $\dashv$  | $\dashv$ | _          | $\dashv$  | $\dashv$  |
|          | 28       | 1        |          | _ | $\vdash$             |           |          | $\dashv$               | $\dashv$   | $\dashv$ |                        | 78       | $\dashv$ | $\dashv$           | +            |              |                    | _                       | 1-      | 1        |                | 128        | $\neg$   | 寸        | ヿ        | 一        | ヿ   | 寸        | $\neg$     | 十   | ┪         |
|          | 29       | $\vdash$ |          | _ |                      |           |          | $\neg$                 | $\dashv$   | $\neg$   |                        | 79       | $\top$   | +                  | +            | $\vdash$     | $\dashv$           | 十                       | +       | l        |                | 129        |          |          | 寸        | $\dashv$ | 寸   | 7        | _          | 十   | ┪         |
|          | 30       | $\vdash$ | Н        |   | Н                    |           |          | $\neg$                 | 寸  | ᆿ        |                        | 80       | $\neg$   | $\top$             | 1            |              | $\neg$             | $\top$                  | +       |          |                | 130        | 一        | $\neg$   | ┪        | $\neg$   | ヿ   | 寸        | $\dashv$   | 十   | ┪         |
|          | 31       |          |          |   | Н                    |           |          | $\neg$                 | 寸  | ╗        |                        | 81       | 一        | $\top$             | T            |              | _                  | $\top$                  | +       | 1        |                | 131        |          |          | $\neg$   |          | $\dashv$  | $\dashv$ | 寸          | 十   | ┪         |
|          | 32       |          |          |   |                      |           |          | $\neg$                 | 一  | ヿ        |                        | 82       | $\neg$   | $\top$             | $\top$       | П            | 十                  | $\top$                  | $\top$  |          |                | 132        |          |          | $\neg$   |          | ヿ   | _        | 寸          | $\neg$  | ٦         |
|          | 33       |          |          |   |                      | $\neg$    |          |                        | ヿ  | $\neg$   |                        | 83       | $\neg$   | 十                  | T            | П            | T                  | $\top$                  | $\top$  |          |                | 133        | 一        |          | $\neg$   | 一        | ヿ   | 寸        | 寸          | 十   | $\exists$ |
|          | 34       |          |          |   |                      |           |          |                        |  |          |                        | 84       | $\neg$   | _                  | T            |              | T                  | 十                       | 1       |          |                | 134        |          |          | $\neg$   | 寸        | $\neg$  | 一        | T          | $\top$  | ٦         |
|          | 35       |          | П        |   | П                    |           |          |                        |  |          |                        | 85       |          | $\top$             | 1            |              |                    |                         |         |          |                | 135        |          |          |          | 一        |   |          |            | $\top$  |           |
|          | 36       |          |          |   |                      |           |          |                        |  |          |                        | 86       |          |                    |              |              |                    |                         |         |          |                | 136        |          |          |          | 一        | $\Box$  |          |            | $\top$  | ٦         |
|          | 37       |          |          |   |                      |           |          |                        |  |          |                        | 87       |          |                    |              | П            |                    |                         | T       |          |                | 137        |          |          |          |          | $\neg$  |          | $\neg$     | Т   | ╗         |
|          | 38       |          |          |   |                      |           |          |                        |  | $\neg$   |                        | 88       |          |                    |              | П            |                    | T                       |         |          |                | 138        | $\Box$   |          |          |          |   |          |            | T   | $\exists$ |
|          | 39       |          |          |   |                      |           |          |                        |  | ┚        |                        | 89       |          |                    |              |              |                    |                         |         |          |                | 139        |          |          |          |          |   |          |            | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   |           |
|          | 40       |          |          |   |                      |           |          |                        | $\Box$   |          |                        | 90       |          |                    |              |              |                    | $oldsymbol{\mathbb{I}}$ |         |          |                | 140        |          |          |          |          | $\Box$  |          |            | $oldsymbol{ol}}}}}}}}}}}}}}}$ |           |
|          | 41       |          |          |   |                      |           |          |                        | $\Box$   |          |                        | 91       | $\Box$   |                    |              |              |                    |                         |         |          |                | 141        |          |          |          |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |            | $\Box$  |           |
|          | 42       |          |          |   |                      |           |          |                        |  |          |                        | 92       | $\Box$   | $\perp$            |              |              | $\Box$             | •                       |         |          |                | 142        |          | $\Box$   |          |          | $\Box$  |          |            | $oldsymbol{\perp}$  |           |
|          | 43       |          |          |   |                      |           |          | $\Box$                 | $\Box$   |          | I                      | 93       | $\Box$   | $oldsymbol{\perp}$ |              |              | $oldsymbol{\perp}$ |                         |         |          |                | 143        | $\Box$   |          | $\Box$   |          |   |          | $\Box$     | $\perp$   |           |
|          | 44       |          |          |   |                      |           |          |                        |  |          |                        | 94       |          |                    |              |              |                    | $\perp$                 |         |          |                | 144        |          | $\Box$   |          |          | $\Box$  |          |            | $\perp$   |           |
|          | 45       |          |          |   |                      |           |          | $\Box$                 | $\Box$   |          |                        | 95       | $\Box$   |                    | oxdot        |              | $oldsymbol{\perp}$ |                         | L       |          |                | 145        |          |          |          |          |   |          |            | $oldsymbol{ol}}}}}}}}}}}}}}$  | $\Box$    |
|          | 46       |          | $\Box$   |   |                      |           |          | $_{\perp}$             | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |          |                        | 96       |          |                    |              |              | $\perp$            |                         |         |          |                | 146        |          |          |          |          |   | $\Box$ I |            | $\perp$   | ⅃         |
|          | 47       |          | Ш        |   |                      | $\Box$    |          | $\bot I$               | $\perp$  |          |                        | 97       | $\Box$   |                    | $oxed{\Box}$ | Ш            |                    |                         |         |          |                | 147        |          |          |          |          |   |          |            | $\perp \Gamma$  |           |
|          | 48       |          | $\Box$   |   | $\Box$               |           | $\Box$   | $\Box$                 | $\bot$   |          |                        | 98       | $\Box$   |                    | L            | Ш            | $\perp$            |                         |         |          |                | 148        | $\Box$   | $\Box$   | $\Box$   |          | $\Box$  | $\Box$   | $\perp$    | $\perp$   | ⅃         |
| Ш        | 49       |          | Ш        |   | Ц                    | $\bot$    |          | $\Box$                 |  |          |                        | 99       |          |                    |              |              |                    | $\perp$                 |         |          |                | 149        |          | $\Box$   |          |          | $\Box$  |          | $\perp$    | $\perp$   |           |
|          | 50       | لبا      |          |   |                      |           |          |                        | 丄  |          | Ll                     | 100      |          |                    | 1            | ot           | $\perp$            |                         |         | ]        |                | 150        |          | $\perp$  | [        |          |   |          | $_{\perp}$ | $\perp$ L   | ╝         |